



E.E.T.w/ Biomedical Engineering Technology

Semester 1

Course Number	Course Title	Credits Lec - Lab	Hrs / Wk
605-130	Digital Electronics	4	3 - 2
605-113	DC / AC I	3	2 - 2
804-113	College Technical Math 1-A	3	3 - 0
804-114	College Technical Math 1-B	2	2 - 0
801-136	English Composition 1	3	3 - 0
809-198	Introduction to Psychology	3	3 - 0
Semester Total		18	

Semester 2

605-114	DC / AC II	3	2 - 2
605-120	Electronic Devices I	4	2 - 4
804-197	College Algebra, Trig, w/ applications	5	5 - 0
801-197	Technical Reporting	3	3 - 0
662-102	Medical Devices 1; Function and Use	3	3 - 0
Semester Total		18	

Semester 3

605-121	Electronic Devices II	4	2 - 4
605-190	Microprocessors	4	2 - 4
662-112	DC / AC III	3	2 - 2
804-198	Calculus I	4	4 - 0
806-143	College Physics 1 (806-154 General Physics I xfers too)	3	2 - 2
Semester Total		18	

Semester 4

662-124	Electronic Circuit Analysis	3	2 - 2
605-XXX	Elective *	3	2 - 2
605-XXX	Elective *	3	2 - 2
662-103	Medical Devices 2; Function and Use	3	2 - 2
662-101	Safety in Healthcare	1	1 - 1
809-196	Introduction to Sociology	3	3 - 0
Semester Total		16	
Program Total		70	

* Students who intend to pursue the transfer option with M.U. should consult with a Gateway EET faculty advisor for recommendations concerning this course.

Suggested Electives (605-XXX)

804-181	Calculus 2	4	4 - 0
605-151	Electronic Communications	3	2 - 2
806-114	General Biology	4	3 - 2

For more information, contact Pat Hoppe, Electronics Department @ 262-898-7518 or visit my website at <http://cws.gtc.edu/faculty/hoppep> or email at hoppep@gtc.edu